

[illegible]

The following table shows the results of the regression analysis for the dependent variable *Y* (in thousands of dollars) against the independent variable *X* (in thousands of dollars). The regression equation is $\hat{Y} = 1.2X + 0.5$. The coefficient of determination is $R^2 = 0.85$. The standard error of the estimate is $s_e = 0.3$. The t-statistic for the slope coefficient is $t = 12.5$, which is significant at the 0.01 level. The p-value for the slope coefficient is $p = 0.0001$. The F-statistic for the overall regression is $F = 156.25$, which is significant at the 0.01 level. The p-value for the F-statistic is $p = 0.0001$.